

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-228355

(43)Date of publication of application : 25.08.1998

(51)Int.Cl.

G06F 3/12  
B41J 29/38  
H04L 29/08

(21)Application number : 09-030892

(71)Applicant : CANON INC

(22)Date of filing : 14.02.1997

(72)Inventor : HORI SHINJIRO

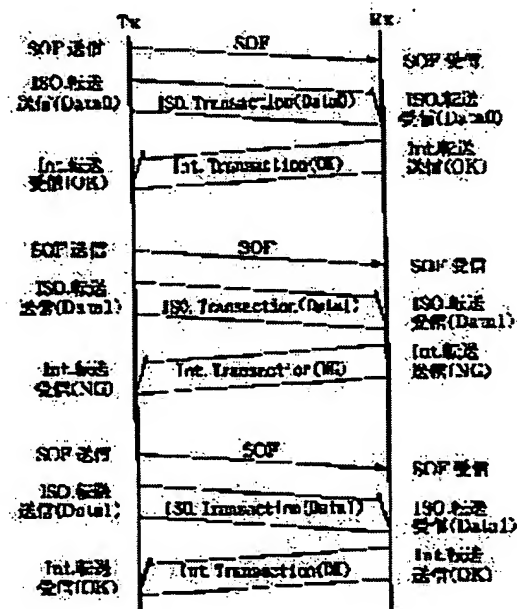
(54) DATA TRANSFER DEVICE AND ITS CONTROL METHOD, AND PRINT SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To transfer data only by control over a bus by a host by transferring data indicating whether or not transfer data are already processed from 2nd equipment to 1st equipment in specific timing, and performing control over the transfer of next data or the resending of the data according to the transferred data.

SOLUTION: The host Tx and peripheral equipment Rx have negotiation in advance so as to secure the amount of data to be transferred by isochronous transfer and interrupt transfer. Then Data0 is transferred from the host Tx to the peripheral equipment Rx. When the processing of the received data is completed and next data can readily be

processed at the point of time when the interrupt transfer is started, the host Tx is informed that the data can be processed by interrupt transfer. When the process of the data is not completed before next interrupt transfer is started, the peripheral equipment transfers a process incomplete report to the host Tx. Then the host Tx having been informed that the process can not be done resends Data1 by next isochronous transfer.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other  
than the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office